

## INTRODUCING THE BLACK ARM

The Black Arm is a hard-mount three-axis stabilizing system made for a variety of camera gimbals.

The damping action of all axes; vertical, tilt and roll are created by custom-made actuator hydraulic dampers that are fully adjustable. The Black Arm Complete kit comes with an additional anti-vibration camera gimbal mount to absorb high-frequency fluctuations from road noise and engine hum.

The Black Arm is the film industry's standard for camera vehicle mounts. Purely mechanical – the Black Arm is easy to use and maintain. Mounting the Black Arm is as simple as clamping it onto a standard 48-52mm speed rail.

You can mount the Black Arm on a multitude of transporters and vehicles such as; dollies, cars, ATVs, boats, motorbikes, scooters, snowmobiles etc.

The Black Complete has a vast payload weight range; between 5-32 kg (11-70.5lbs). It ships with two sets of springs (7.0 & 7.5), and two sets of dampeners for each damper position (a total of 6 dampeners).

A 22-step knob enables you to precisely dial in the amount of damping you need for your shot.

## STANDARD OR COMPLETE

The Black Arm comes in two versions. The Black Arm Standard is made to work for gimbals and cameras with a weight range between 5-13kg (11-28lbs). The Black Arm Complete is for users working with higher loads and carries between 5-32kg (11-70lbs). Of course, you have the option to upgrade the Standard version into a Complete, if desired.

The Black Standard ships with one damper for each of the three axes, while the Black Complete ships with a total of six dampers, allowing for dual dampers on each axis if needed, or as spares.

## ANTI-VIBRATION MOUNT

Each Black Arm ships with one anti-vibration mount (AVM). The main purpose of the AVM is to reduce high-frequency vibrations, such as noise from a car's engine. In order to maximize the full efficiency of the AVM, you should always use the correct version that matches your load and conditions.

There are two types of AVMs, the [original Wire AVM](#) and the new [Tranquilizer](#).

The Wire AVMs come in five different weight ranges and are very easy to use.

The Tranquilizer has many adjustments to fine-tune its performance and may give better results if you have the time and skills to configure it properly.

It's important that the system matches the total weight of your camera build (gimbal, camera and accessories) you will hang on to The Black Arm.

### Wire AVM weight ranges:

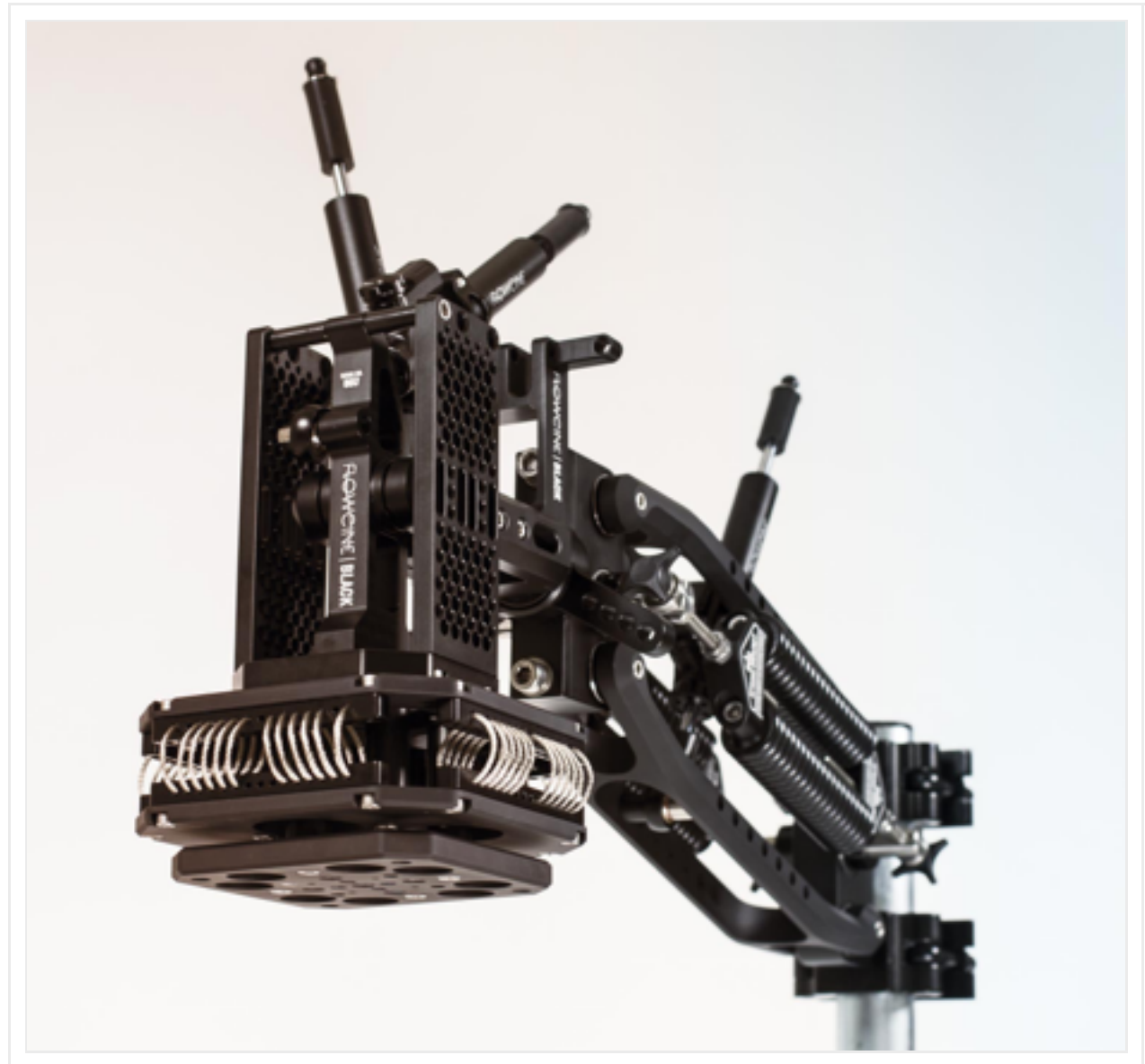
The Wire AVMs are available in five different weight ranges. Pick the one that best match your rigs total weight.

- No.01 – 7-10 kg (15-22 lbs)
- No.02 – 10-14 kg (22-31 lbs)
- No.03 – 14-19 kg (31-42 lbs)
- No.04 – 19-26 kg (42-57 lbs)
- No.05 – 26-34 kg (57-75 lbs)

### Tranquilizer weight ranges:

The Tranquilizer ships with two sets of polymers, the shore 30 and shore 40. The rest of the packs are sold separately.

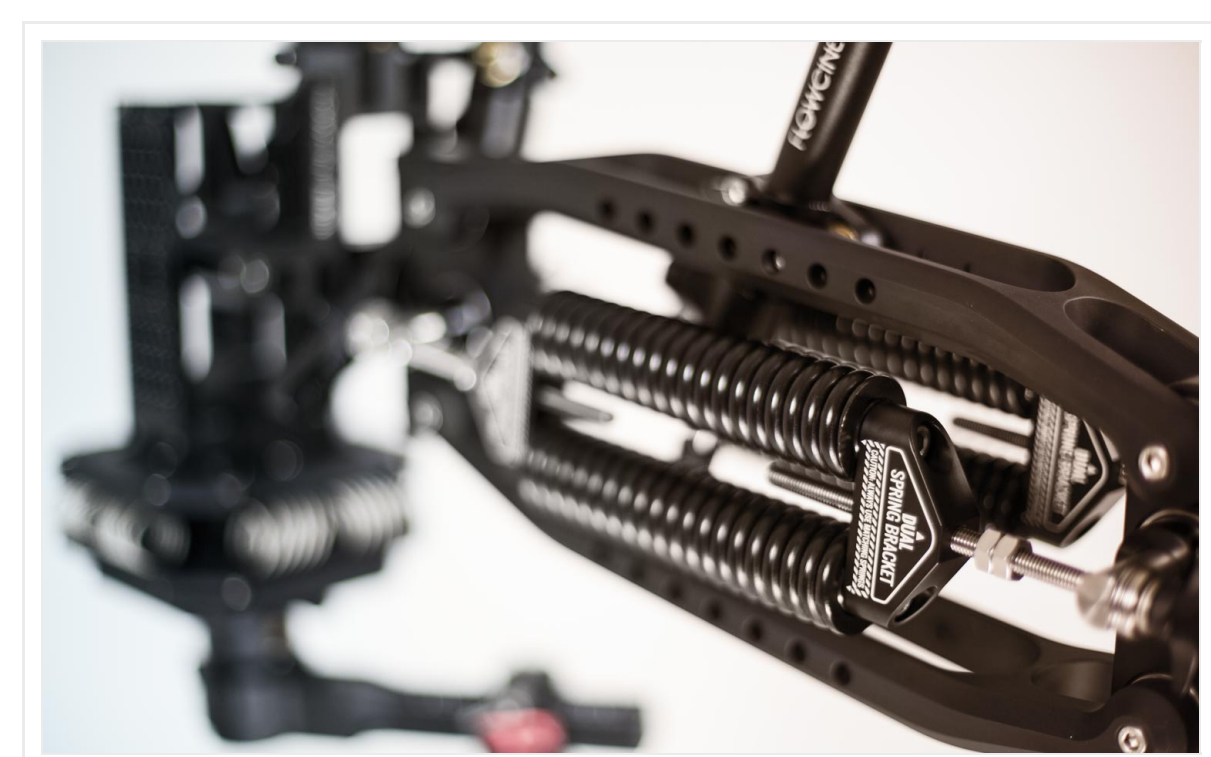
- Shore 20 weight range: up to 5.40 – 10.75kg
- Shore 30 weight range: up to 6.70 – 13.25kg
- Shore 40 weight range up to 11.25 – 22.50kg
- Shore 50 weight range up to 13.75 – 27.50kg
- Shore 60 weight range up to 19.00 – 34.50kg



## FLIGHT CASE

The Black arm ships in either of two different flight cases. The Standard case is a traditional flight case with wheels, metal corners, surface handles and pad-lockable draw-bolt catches. It has a white interior foam so that you can easily find screws and gear inside the case.

The optional Pro Case is made in all-black, to perfectly match the Black arm. It features powder-coated black metal corners, heavy-duty recessed handles and butterfly catches. It also has wheels, so you can roll the case just like a cabin bag. To match the clean exterior, the foam in the Pro case is all black.



## MOUNTING OPTIONS

There are a variety of options and configurations for The Black Arm including a new hard front nose mount which improves the safety and handling of motorcycles when riding with The Black Arm and new Dual Arm Adapter which is currently in development.

Mounting the Black arm is as simple as clamping it onto a standard 48-52mm speed rail. You build a rig onto your vehicle, using standard grip components like speed rail and dual clamps or by using our Universal Rack or Stub Mount.

There are several ways to attach your gimbal to the Black arm. The included base plate has hole patterns to match the [Freefly Toad in a Hole](#) and [Cinemilled Universal Ronin mount](#) for easy attachment of the [MoVi Pro](#) and [Ronin gimbals](#). We also make a [Mitchell female mount](#) for gimbals that uses the Mitchell connector.

On each side of the Black Arm's head, there are cheese plates suitable to mount batteries or [Kenyon Gyros](#) on.